

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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| Sheet | 1 | of | 1 |
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Complete if Known

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| Application Number | 09/586,561 |
| Filing Date | 06/02/2000 |
| First Named Inventor | Juha Ylitalo et al. |
| Art Unit | 2745 |
| Examiner Name | Williams, Lawrence B. |
| Attorney Docket Number | 004770.81503 |

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

04/15/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| Substitute for form 1449B/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) NOV 02 2004 U.S. PATENT & TRADEMARK OFFICE | | Application Number | 09/586,561 |
| | | Filing Date | June 2, 2000 |
| | | First Named Inventor | Juha Ylitalo et al. |
| | | Art Unit | 2634 |
| | | Examiner Name | Williams, Lawrence B. |
| | | Attorney Docket Number | 004770.81503 |
| Sheet | 1 | of | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | VON RAMM, OLAF T. and SMITH, STEPHEN W., "Beam Steering with Linear Arrays," IEEE Transactions on Biomedical Engineering, August 1983, pgs. 438-452, Vol. BME-30, No. 8 | |
| | | KATZ, MARCOS and YLITALO, JUHA, "Beamspace-Time Coding Method For Downlink Performance Enhancement Of CDMA Micro/Pico-cell Base Stations," Proceedings of Finnish Signal Processing Symposium, University of Oulu, Finland, May 31, 1999, pages 25-29 | |
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